From: Haagenstad, Mark P

Sent: Wednesday, August 13, 2014 11:29 AM

To: Kieling, John, NMENV; Pullen, Steve, NMENV; Hall, Timothy, NMENV

Cc: Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Dorries, Alison Marie; Grieggs, Tony; Mousseau, Jeffrey David; Torres, Enrique; George, Victoria A; Turner, Gene E; Maggiore, Peter; Nickless, David J; Vigil-Holterman, Luciana R; Schumann, Paul B;

Bacigalupa, Gian A; Diaz, Tammy; Martinez, Angela M; Thorp, Donald Thomas; McMichael,

Susan Lynn; Cummings, Lisa K; Woitte, Deborah Kay

**Subject:** RE: Notification of Waste Profile Discrepancy Application of EPA Haz Waste Number D001 **Attachments:** ADESH-14-041-J R Stroble Written Concurrence for Correction of Waste Manifests.pdf

#### See attachment.

From: Haagenstad, Mark P

Sent: Wednesday, August 13, 2014 11:28 AM

To: Kieling, John, NMENV; 'Pullen, Steve, NMENV'; Hall, Timothy, NMENV

**Cc:** Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Dorries, Alison Marie; Grieggs, Tony; Mousseau, Jeffrey David; Torres, Enrique; George, Victoria A; 'Turner, Gene E.'; 'Maggiore, Peter'; Nickless, David J; Vigil-Holterman, Luciana R; Schumann, Paul B; Bacigalupa, Gian A; Diaz, Tammy; Martinez, Angela M; Thorp, Donald Thomas; McMichael,

Susan Lynn; 'Cummings, Lisa'; Woitte, Deborah Kay

Subject: Notification of Waste Profile Discrepancy Application of EPA Haz Waste Number D001

### Dear Mr. Kieling:

# Subject: Notification of Waste Profile Discrepancy Regarding Application of EPA Hazardous Waste Number D001 to Nitrate-Salt-Bearing Waste Containers Shipped Off-Site From Los Alamos National Laboratory

The purpose of this email is to notify the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) of a waste characterization discrepancy as required by the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit). Section 2.4.7, Waste Characterization Review, of the Permit states that the Permittees shall "...(4) [R]echaracterize a hazardous waste stream whenever the Permittees are notified by a receiving off-site facility that the characterization of a hazardous waste they obtained from the Permittees' Facility does not match a pre-approved waste analysis certification or accompanying waste manifest or shipping paper. The Permittees shall notify the Department in writing within three days of their receipt of the notice of the discrepancy from a receiving facility."

The Department of Energy and Los Alamos National Security, LLC (DOE/LANS) (the Permittees) shipped nitrate-salt-bearing waste containers to the Waste Isolation Pilot Plant (WIPP) since 2011. Additional shipments of this waste stream were made to Waste Control Specialists (WCS) in Andrews, Texas, and the Idaho National Laboratory.

Since that time, the LANL and WIPP Permittees have each made the decision to add the Environmental Protection Agency (EPA) Hazardous Waste Number D001 for ignitability to the LANL nitrate-salt-bearing waste containers at their respective facilities. As a result, the characterization of the containers WIPP received from LANL no longer matches the pre-approved waste analysis certifications that accompanied the waste manifests and shipping papers associated with the original off-site shipments.

1

Based on the DOE/LANS' written concurrence allowing WIPP to correct the original manifests (see attached notification), the Permittees are hereby notifying the Department of the newly-identified discrepancy, in accordance with Permit Section 2.4.7(4). This email constitutes notification with respect to the wastes associated with the referenced manifests.

If you have comments or questions regarding this notification, please contact Gene E. Turner (DOE) at (505) 667-5794 or me at (505) 665-2014.

Mark Haagenstad Environmental Protection Division RCRA Permitting and Compliance Team Leader Los Alamos National Security Los Alamos National Laboratory Office: (505) 665-2014

Mobile: (505) 699-1733





Associate Director for ESH Environment, Safety, and Health P.O. Box 1663, MS K491 Los Alamos, New Mexico 87545 505-667-4218/Fax 505-665-3811 National Nuclear Security Administration Los Alamos Field Office, A316 3747 West Jemez Road Los Alamos, New Mexico, 87545 (505) 667-5794/Fax (505) 667-5948

Date: AUG 1 3 2014
Ref: ADESH-14-041

J. R. Stroble, Acting Assistant Manager Office of Program Management Carlsbad Field Office U. S. Department of Energy P.O. Box 3090 Carlsbad, New Mexico 88221-3090

Dear Mr. Stroble,

### Subject: Written Concurrence for Correction of Waste Manifests

The purpose of this letter is to follow up our recent conversation regarding a discrepancy on manifests for containers (see attachment) that were shipped from the Los Alamos National Laboratory (LANL) to the Waste Isolation Pilot Plant (WIPP). The containers were received at the WIPP facility between August 8, 2013, and January 29, 2014, in shipments associated with 49 separate manifests (see attachment). WIPP accepted the shipments for disposal, and the manifests were returned to LANL without any discrepancies identified. Due to recent events at WIPP, and re-evaluation of Acceptable Knowledge information, the Carlsbad Field Office (CBFO) notified LANL that there was a manifest discrepancy based on WIPP's determination that nitrate salt-bearing waste containers required application of the EPA Hazardous Waste Number D001 and DOT subsidiary Hazard Division 5.1. Further, CBFO requested concurrence from LANL that the manifests can be corrected pursuant to Section C-5b(1) of the WIPP Waste Analysis Plan (the WAP) which provides that errors on a manifest can be corrected by WIPP with a verbal (followed by a mandatory written) concurrence by the generator/storage site technical contact. This letter provides that written concurrence.

At the time LANL shipped the containers to WIPP, the manifests identified the hazardous waste numbers and hazard class determined to be appropriate at that time based on acceptable knowledge. Due to the recent events at WIPP, LANL has been re-evaluating the characterization of the waste stream. On July 30, 2014, the Department of Energy, National Nuclear Administration (DOE/NNSA) and Los Alamos National Security, LLC (LANS) notified the New Mexico Environment Department that LANL had decided to provisionally apply EPA Hazardous Waste

Number D001 for the characteristic of ignitability to certain nitrate salt-bearing waste containers stored at LANL.

We are continuing to re-evaluate the waste characterization information concerning these nitrate salt waste streams, and will keep you updated as to new relevant information. If you have questions please contact Michael Brandt (LANS) at (505) 667-4218, or Pete Maggiore (DOE) at (505) 665-5025.

Sincerely,

Michael T. Brandt, DrPH, CIH

**Associate Director** 

Environment, Safety, and Health

Los Alamos National Security, LLC

Peter Maggiore

Assistant Manager

**Environmental Projects Office** 

Los Alamos Field Office

Enclosures:

(1) List of Manifests Requiring Correction

Cy: Kimberly Davis Lebak, NA-LA, (E-File)

Lisa Cummings, NA-LA, (E-File)

Gene E. Turner, NA-LA, (E-File)

Kirsten M. Laskey, NA-LA, (E-File)

Eric L. Trujillo, NA-LA, (E-File)

Carl A. Beard, PADOPS, (E-File to aosburn@lanl.gov)

Michael T. Brandt, ADESH, (E-File)

Raeanna R. Sharp-Geiger, ADESH, (E-File)

Alison M. Dorries, ENV-DO, (E-File)

Jeffery D. Mousseau, ADEP, (E-File)

Daniel R. Cox, ADEP, (E-File)

Victoria A. George, REG-DO, (E-File)

Anthony R. Grieggs, ENV-CP, (E-File)

Deborah K. Woitte, LC-ESH, (E-File)

Debra Nevergold, LTP, (E-File)

Mark P. Haagenstad, ENV-CP, (E-File)

Luciana Vigil-Holterman, ENV-CP, (E-File)

lasomailbox@nnsa.doe.gov, (E-File)

locatesteam@lanl.gov, (E-File)

## **ENCLOSURE 1**

List of Manifests Requiring Correction

ADESH-14-041

Date:	AUG 1 3 2014

	Waste St	tream LA-MIN02	-V 001	
Manifest Number	Shipment Number	Received	Container Number	Container Coun
001600826GBF	IN130186	8-Sep-13	LA00000062547	1
001600826GBF	IN130186	8-Sep-13	LA00000063116	2
001600826GBF	IN130186	8-Sep-13	LA0000063198	3
001600826GBF	IN130186	8-Sep-13	LA00000063497	4
001600826GBF	IN130186	8-Sep-13	LA00000064665	5
001600826GBF	IN130186	8-Sep-13	LA0000064863	6
001600826GBF	IN130186	8-Sep-13	LAS822714	7
010784176JJK	LA130125	29-Aug-13	LA00000092217	8
010784176JJK	LA130125	29-Aug-13	LA00000092237	9
010784176JJK	LA130125	29-Aug-13	LA00000092347	10
010784176JJK	LA130125	29-Aug-13	LA00000092555	11
010784176JJK	LA130125	29-Aug-13	LA00000093588	12
010784176JJK	LA130125	29-Aug-13	LA00000093589	13
010784179JJK	LA130128	3-Sep-13	LA00000092220	14
010784180JJK	LA130129	4-Sep-13	LA00000092140	15
010784180JJK	LA130129	4-Sep-13	LA00000092219	16
010784180JJK	LA130129	4-Sep-13	LA00000092235	17
010784180JJK	LA130129	4-Sep-13	LA00000092495	18
010784180JJK	LA130129	4-Sep-13	LA00000093597	19
010784181JJK	LA130130	6-Sep-13	LA00000092246	20
010784181JJK	LA130130	6-Sep-13	LA00000092249	21
010784181JJK	LA130130	6-Sep-13	LA00000092252	22
010784181JJK	LA130130	6-Sep-13	LA00000093593	23
010784181JJK	LA130130	6-Sep-13	LA00000093598	24
				8 10 11 14 11 11 11
010784182JJK	LA130131	6-Sep-13	LA00000092211	25
010784182JJK	LA130131	6-Sep-13	LA00000092239	26
010784182JJK	LA130131	6-Sep-13	LA00000092251	27
010784183JJK	LA130132	9-Sep-13	LA00000063182	28
010784183JJK	LA130132	9-Sep-13	LA00000064627	29
010784183JJK	LA130132	9-Sep-13	LA0000066376	30
010784183JJK	LA130132	9-Sep-13	LA00000092134	31
010784183JJK	LA130132	9-Sep-13	LA00000092145	32
010784183JJK	LA130132	9-Sep-13	LA00000092496	33
010784184JJK	LA130133	11-Sep-13	LA0000062912	34
010784184JJK	LA130133	11-Sep-13	LA00000063365	35

010784184JJK	LA130133	11-Sep-13	LA00000092136	36
010784184JJK	LA130133	11-Sep-13	LA00000092152	37
010784185JJK	LA130134	11-Sep-13	LA00000092171	38
010784185JJK	LA130134	11-Sep-13	LA00000092213	39
010784185JJK	LA130134	11-Sep-13	LA00000092215	40
010784185JJK	LA130134	11-Sep-13	LA00000092216	41
				T.A. L. Salar
010784189JJK	LA130135	13-Sep-13	LA00000092122	42
010784189JJK	LA130135	13-Sep-13	LA00000092173	43
010784189JJK	LA130135	13-Sep-13	LA00000092470	44
010784189JJK	LA130135	13-Sep-13	LA0000092477	45
010784189JJK	LA130135	13-Sep-13	LA00000092482	46
010784189JJK	LA130135	13-Sep-13	LA00000092540	47
010784189JJK	LA130135	13-Sep-13	LA00000092565	48
010784189JJK	LA130135	13-Sep-13	LA00000092570	49
010784189JJK	LA130135	13-Sep-13	LA00000092888	50
010784189JJK	LA130135	13-Sep-13	LA0000092902	51
010784189JJK	LA130135	13-Sep-13	LA00000092937	52
010784189JJK	LA130135	13-Sep-13	LA00000092938	53
010784189JJK	LA130135	13-Sep-13	LA00000092940	54
010784188JJK	LA130136	14-Sep-13	LA00000063401	55
010784188JJK	LA130136	14-Sep-13	LA00000092156	56
010784188JJK	LA130136	14-Sep-13	LA00000092557	57
010784188JJK	LA130136	14-Sep-13	LA00000092572	58
010784188JJK	LA130136	14-Sep-13	LA00000092684	59
010784188JJK	LA130136	14-Sep-13	LA00000092905	60
010784188JJK	LA130136	14-Sep-13	LA00000092907	61
01070410033K	BAISO150	14 3cp 13	EA00000032307	
010784190JJK	LA130137	17-Sep-13	LA00000066866	62
010784190JJK	LA130137	17-Sep-13	LA000000000000000000000000000000000000	63
010784190JJK	LA130137	17-Sep-13	LA00000092674	64
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010784190JJK	LA130137	17-Sep-13	LA00000092892	67
010784190JJK	LA130137	17-Sep-13	LA00000092898	68
010784190JJK	LA130137	17-Sep-13	LA00000092909	69
010784190JJK	LA130137	17-Sep-13	LA00000092913	70
010784190JJK	LA130137	17-Sep-13	LA00000092915	71
010784190JJK	LA130137	17-Sep-13	LA00000092917	72
010784190JJK	LA130137	17-Sep-13	LA00000092921	73
010784190JJK	LA130137	17-Sep-13	LA00000092933	74
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010784193JJK	LA130140	19-Sep-13	LA00000092574	76

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010784193JJK	LA130140	19-Sep-13	LA00000092578	78
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010784203JJK	LA130149	1-Oct-13	LA00000092676	80
010784203JJK	LA130149	1-Oct-13	LA00000092678	81
010784203JJK	LA130149	1-Oct-13	LA00000092896	82
010784203JJK	LA130149	1-Oct-13	LA00000093487	83
010784203JJK	LA130149	1-Oct-13	LA00000093516	84
010784203JJK	LA130149	1-Oct-13	LA00000093577	85
010784204JJK	LA130150	2-Oct-13	LA00000093572	86
010784204JJK	LA130150	2-Oct-13	LA00000093573	87
010784204JJK	LA130150	2-Oct-13	LA00000093581	88
010784204JJK	LA130150	2-Oct-13	LA00000093601	89
010784204JJK	LA130150	2-Oct-13	LA00000093603	90
010784205JJK	LA130151	3-Oct-13	LA0000092680	91
010784205JJK	LA130151	3-Oct-13	LA00000092919	92
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010784205JJK	LA130151	3-Oct-13	LA00000093571	94
010784205JJK	LA130151	3-Oct-13	LA00000093576	95
010784205JJK	LA130151	3-Oct-13	LA00000093609	96
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010784207JJK	LA130153	7-Oct-13	LA00000092212	98
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010784208JJK	LA130155	9-Oct-13	LA00000092127	100
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010784208JJK	LA130155	9-Oct-13	LA0000093084	105
010784208JJK	LA130155	9-Oct-13	LA0000093086	106
010784208JJK	LA130155	9-Oct-13	LA00000093088	107
010784208JJK	LA130155	9-Oct-13	LA00000093089	108
010784208JJK	LA130155	9-Oct-13	LA00000093154	109
010784208JJK	LA130155	9-Oct-13	LA00000093155	110
010784208JJK	LA130155	9-Oct-13	LA00000093574	111
010784208JJK	LA130155	9-Oct-13	LA00000093574	112
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010784208JJK	LA130155	9-Oct-13	LA00000093599	113
010784208JJK	LA130155	9-Oct-13	LA00000093599 LA00000093602	115
010784208JJK	LA130155	9-Oct-13	LA00000093602	116
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010784216JJK	LA130161	30-Oct-13	LA0000068309	119
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010784216JJK	LA130161	30-Oct-13	LA00000092162	123
010784216JJK	LA130161	30-Oct-13	LA00000092210	124
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010784217JJK	LA130163	1-Nov-13	LA00000092939	135
010784217JJK	LA130163	1-Nov-13	LA00000093156	136
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010784225JJK	LA130167	7-Nov-13	LA00000092360	139
010784225JJK	LA130167	7-Nov-13	LA00000092665	140 .
010784225JJK 010784225JJK	LA130167	7-Nov-13	LA00000092911	141
***	LA130167	7-Nov-13	LA00000093150	142
010784225JJK	LA130167	7-Nov-13	LAS835380	143
010784226JJK	LA130168	8-Nov-13	LA00000092148	144
010784226JJK	LA130168	8-Nov-13	LA0000092227	145
010784226JJK	LA130168	8-Nov-13	LA00000092292	146
010784226JJK	LA130168	8-Nov-13	LA00000092357	147
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010784229JJK	LA130171	14-Nov-13	LA00000068383	163
010784229JJK	LA130171	14-Nov-13	LA00000068410	164
010784229JJK	LA130171	14-Nov-13	LA00000068448	165
010784229JJK	LA130171	14-Nov-13	LA0000093085	166
010784229JJK	LA130171	14-Nov-13	LA00000093594	167
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010784230JJK	LA130172	15-Nov-13	LA00000068335	168
010784230JJK	LA130172	15-Nov-13	LA00000068375	169
010784230JJK	LA130172	15-Nov-13	LA00000068376	170
010784230JJK	LA130172	15-Nov-13	LA0000068385	171
010 <b>784230</b> JJK	LA130172	15-Nov-13	LA00000068411	172
010784230JJK	LA130172	15-Nov-13	LA00000068417	173
010784230JJK	LA130172	15-Nov-13	LA00000082952	174
010784230JJK	LA130172	15-Nov-13	LA00000092221	175
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010784231JJK	LA130173	19-Nov-13	LA00000094151	184
Pint.				
010784233JJK	LA130174	20-Nov-13	LA00000068337	185
010 <b>784233</b> JJK	LA130174	20-Nov-13	LA00000068373	186
010784233JJK	LA130174	20-Nov-13	LA00000068453	187
010784233JJK	LA130174	20-Nov-13	LA00000068455	188
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010784233JJK	LA130174	20-Nov-13	LA00000068466	190
010784233JJK	LA130174	20-Nov-13	LA00000068479	191
010 <b>784233</b> JJK	LA130174	20-Nov-13	LA00000068484	192
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010784234JJK	LA130175	20-Nov-13	LA00000068404	203
010784234JJK	LA130175	20-Nov-13	LA00000068409	204
010784234JJK	LA130175	20-Nov-13	LA00000068458	205
010784234JJK	LA130175	20-Nov-13	LA00000068465	206
010784234JJK	LA130175	20-Nov-13	LA00000068467	207
010784234JJK	LA130175	20-Nov-13	LA0000068468	208
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010784234JJK	LA130175	20-Nov-13	LA00000068503	211
010784234JJK	LA130175	20-Nov-13	LA00000093611	212
010784235JJK	LA130176	21-Nov-13	LA0000068329	213
010784235JJK	LA130176	21-Nov-13	LA00000068454	214
010784236JJK	LA130177	26-Nov-13	LA00000068461	215
010784238JJK	LA130179	3-Dec-13	LA00000068324	216
D10784238JJK	LA130179	3-Dec-13	LA00000068330	217
010784238JJK	LA130179	3-Dec-13	LA00000068338	218
010784238JJK	LA130179	3-Dec-13	LA00000068346	219
D10784238JJK	LA130179	3-Dec-13	LA00000068386	220
010784238JJK	LA130179	3-Dec-13	LA00000068452	221
010784238JJK	LA130179	3-Dec-13	LA00000068463	222
D10784238JJK	LA130179	3-Dec-13	LA00000068473	223
010784238JJK	LA130179	3-Dec-13	LA00000068536	224
D10784238JJK	LA130179	3-Dec-13	LA00000068544	225
010784238JJK	LA130179	3-Dec-13	LA00000068556	226
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010784240JJK	LA130181	10-Dec-13	LA00000068304	249
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Harry Carlotte	Property of the party			
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